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vanced. The subject was further considered by Messrs. Le Conte, Koenig, Kerr, and Gabb.

The following papers were presented for publication: Report on the Hydroids collected on the Coast of Alaska and the Aleutian Isles by W. H. Dall, United States Coast Survey, and party, from 1871 to 1874 inclusive, by S. F. Clarke, with an introduction by W. H. Dall. Description of a Collection of Fossils made by Dr. Raimondi in Peru, by Wm. M. Gabb. The Rocks known as Mexican Onyx, by Mariano Barcena.

The Academy has created thirteen professorships of the various branches of natural history, and has enacted that the council shall elect thirteen professors as soon as suitably qualified candidates shall offer. Applications for positions to be addressed to the president of the council or to the section of the academy to which the subject selected by the applicant has been confided, accompanied by such testimonials as he may be pleased to submit. No professor to be elected prior to the stated meeting of the council in October, 1876. It is the duty of each professor to preserve, classify, and increase the collections in his department, and report annually their condition and needs to the council, to give special or objective instruction to the beneficiaries of scholarships in the Academy, and to deliver courses of lectures under such regulations as the council may establish. No rate of compensation or source of compensation has yet been provided.

SCIENTIFIC SERIALS.¹

MONTHLY MICROSCOPICAL JOURNAL. — October. Bastian and Pasteur on Spontaneous Generation, by H. J. Slack. The Markings of *Frustulia saxonica*, by S. Wells. On the Present Limits of Vision, by R. Pigott. On the Structure and Development of Connective Substances, by T. E. Satterthwaite.

QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE. — October. Résumé of Recent Contributions to our Knowledge of Fresh-Water Rhizopoda. Part I. Heliozoa, by W. Archer. On the Coincidence of the Blastopore and Anus in *Paludina vivipara*, by E. R. Lankester. The Termination of the Nerves in the Vestibule and Semicircular Canals of Mammals, by U. Pritchard.

THE GEOGRAPHICAL MAGAZINE. — October. Servia, Bosnia, and Bulgaria. The Distribution of the Population in the Part of Europe overrun by Turks, by E. G. Ravenstein. The Fisheries of Denmark, the Faero Islands, and Iceland. Wrangell Land. Sketches of Life in Greenland. A Peep into Kokan, by D. Ker. The Geographical Conference at Brussels.

AMERICAN JOURNAL OF SCIENCE AND ARTS. — November. Notice of New Tertiary Mammals, by O. C. Marsh.

¹ The articles enumerated under this head will be for the most part selected.